



Schindler 3300 AP

When dependable engineering
creates beautiful results.







Space

A new vision of space.

Thanks to a gearless and compact drive. Schindler 3300 AP allows more efficient use of shaft dimension as well as low headroom and pit depth requirements.

An appealing opportunity to put passengers at ease by providing them with a bigger car.

Enjoy this space.

Comfort

A new felling of comfort.

With its low-noise operation system, easy interface a standard 'automatic evacuation' safety feature, Schindler 3300 AP gives you a perfectly safe, quiet and smooth ride.

Enjoy this comfort.

Design

A new expression of design.

Created by an Italian designer, the new design of Schindler 3300 AP awakens the senses. The unique styling of the car interior creates a reassuring and modern atmosphere and which enhances the appeal of the whole building.

Enjoy this design.



Improvements to simplify your life

We aim to...

...bring you complete solutions.

You need a passenger elevator for your new building. You need a solution which will add value to your project and within your budget. Then Schindler 3300 AP is for you. Ingeniously designed, our new elevator offers flexibility in installation and will surprise you with the complete range of features included in the base model. Enjoy your choice.

...offer you a tranquil journey.

With its compact drive, and overall low noise construction, Schindler 3300 AP gives passengers a smooth ride that is quiet and vibration free. Additionally, all of our elevators are equipped with our 'automatic evacuation' safety feature as standard. An added sense of safety to passenger comfort. Enjoy your choice.

...provide you more space.

Schindler 3300 AP minimizes the space required for its overall operating system. Maximum use of the space within the shaft, low headroom and pit depth requirements offer more flexibility for architects and more useable space for developers. Along with these advances, the control unit is installed directly inside the doorframe, providing easy access and eliminating the need for an external control cabinet. Because useable space is a leading concern, we created a new solution to help you in your project. Enjoy your choice.

...give you the choice of an up-to-date design.

The Schindler 3300 AP is a state-of-the-art elevator that employs a modern 'whole environment' design conceptualized by an Italian designer.

Note :

Specifications, options and colors are subject to change. All cars and options illustrated in this brochure are representative only and not contractual. The samples shown may vary from the original in color and material.

Car interior
Piccadilly style
Calais Blue

In addition to its flawless system, you can choose from four unique interior styles and a range of select adjusted colors, each complimented by contemporary operating panels and user-friendly, touch-sensitive buttons. Something to suit every taste. Enjoy your choice.

...support your development while minimizing the impact on the environment.

Bringing you added value means enhancing innovative excellence of our products, but at the same time we want this innovation to benefit the environment as well. High efficiency, low energy consumption gearless drive, low torque requirement and oil-free operations are just some of the examples of our innovations committed to the protection of the global environment. Be proud of your choice.

...be the best for your satisfaction.

At Schindler, we work efficiently to meet your elevator needs – safety, reliability, comfort and good design. Each of our elevators is developed with these elements in mind and tested thoroughly to ensure the highest quality.

We never stop striving to set new standards in the elevator industry. One such standard is our 'automatic evacuation', safety feature, which comes as standard. Even in the event of a power failure, the Schindler 3300 AP will take you safely to the next floor.

Key figures

Capacity	400 / 535 / 630 / 800 / 1000 / 1150 kg, 5 - 17 passengers ^①
Rated speed	1 / 1.5 / 1.75 m/s
Travel height	Max. 75 m (max. 25 stops)
Entrance	1 or 2
Group	1 / 2 / 3
Drive	Gearless / frequency-controlled
Control	Down collective and selective collective control
Door width ^②	800 / 900 / 1000 mm
Door height	2100 mm (Center opening) / 2000 mm (Telescopic opening)
Door opening	Center opening / Telescopic opening
Interior	Laminate and stainless steel

^① Exact number of passengers depends on the local code requirements.

^② For possible combinations, please contact our local sales office.

We provide modern solutions for your residence.

A state-of-the-art elevator was just installed in your new building. What a great feeling.

The stylish design of your home doesn't have to stop at your front door. A modern designed lift can welcome visitors to your building and bring them safely to your home. That's why some of Asia's

most exclusive neighborhoods choose the Schindler 3300 AP. Its space-saving design means that the extra space can be used where it counts... in your home.

Schindler 3300 AP is the smart choice.



Schindler 3300 AP Reference Installations:

Country	Name of project
China	Beautiful Vision
	Grand Rivera
Hong Kong	Tong Yan San Tsuen
Malaysia	Alam Avenue
	Kuchai Exchange
	Premier Green
	Duta Kinrara
	The Atmosphere
Singapore	Sunsuria 7th Avenue
	Palms @ Sixth Avenue
	Este Villa @ Nim Road
Taiwan	Jing Ge Shou Xi
	Tai Xi
Thailand	The Smart Condominium at Rama 2
	Metro Park Sathorn
	The Replay Samui
Vietnam	Vung Tau Admin
	Ocean Vista
	Vinpearl Danang
	Angsana Resort

Duta Kinrara, Malaysia



Jing Ge Shou Xi, Taiwan



The Machine-room-less technology.

A great invention...

The machine-room-less technology is one of the greatest breakthroughs the elevator industry has encountered in the past few decades. This technology became very popular among the building industry, as it had many tangible benefits for everyone – the architects, building owners, users and the environment. Hence, it is no surprise that this technology quickly became the standard in Europe and many other parts of the world.

...made possible by smaller and more efficient machines

Schindler's innovative MRL technology was made possible by the introduction of ACVF gearless machines, which are significantly smaller in size and more energy efficient. The reduced motor size can be mounted within the elevator shaft itself, avoiding the need for a separate machine room above the shaft.

Saving space and resources

The Schindler MRL's greatest strength lies in its space-saving factor, promising less building material and construction time needed. By allocating all the elevator equipment in the shaft, architects and

designers are free to use the extra space for more productive purposes. Finally, thanks to the compact gearless machine, a larger car can be fitted into a standard shaft space, which helps save headroom space and pit depth.

The sustainable future

As environmental considerations grow increasingly important in Asia's building industry, more customers demand energy-savings and green building certifications. Schindler's MRL technology is the perfect solution. With this technology, developers can achieve significant amounts of space savings, reduced elevator start-up and running energy consumption, and no need for oil in its gearless drive system. Without a doubt, Schindler's MRL technology will quickly become an industry standard for low to mid-rise buildings across the Asian continent.



Efficient mobility. Sustainable technology.

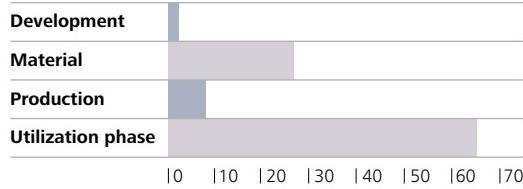
Sustainability today

Sustainable urban development is a major challenge for planners and architects in the 21st century. Schindler supports visions and plans for sustainable buildings with energy-efficient and ecologically sound mobility solutions. The Schindler 3300 AP standardized passenger elevators ensure sustainable mobility in residential and smaller commercial buildings.

Efficient operation

Schindler elevators are built to be highly efficient in every respect: be it in performance, space or energy usage. From the first steps of development, to smart material use in production, to optimizing energy consumption during utilization, Schindler is securing ecologically sound solutions today and for the future.

Total environmental impact % by product phase



Two-thirds of an elevator's environmental impact is accounted for by the energy in utilization.

The energy required for daily operation of a building has the biggest impact on the environment – the same applies to elevators. The amount of energy an elevator consumes while in service is crucial to determining its environmental impact; energy-efficiency is therefore an important feature of Schindler elevators.

We assess our elevators based on VDI 4707 standard, established in March 2009 by Association of German Engineers

How can you be sure that the elevator is energy efficient? We measure it. Ratings run by Schindler and third parties show that the Schindler 3300 AP can provide an energy efficiency classification in the "green" range. It is always good to rely on facts.

Reference measurements	Schindler 3300 AP
Load (kg)	1,000
Speed (m/s)	1.75
Number of stops	18
Travel height (m)	49.3
Usage category	4
Operation	A
Stand-by	B
Efficiency class	A

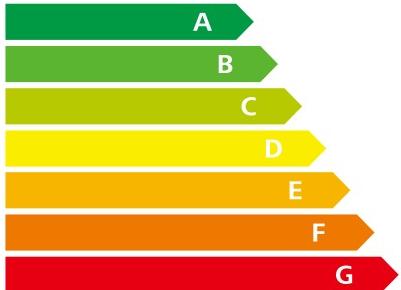
The VDI standard applies to the assessment of energy efficiency of elevators. Installed units were measured as per a standard configuration.

Energy efficiency classification of VDI 4707

Seven consumption classes provide a transparent and factual overview when rating elevators according to their energy performance. They range from "A" to "G" with "A" being the best-in-class system. The rating combines measurements of both standby and travel energy. The elevator's frequency of use, travel height and speed are also considered as they have a strong influence on the rating.

The measurements and classification are a guideline for Schindler to further contribute to sustainable building development.

Selected measurements run by Schindler and third parties show that the Schindler 3300 AP elevator can provide an energy efficiency classification in the "green" range from "A" to "C".

Elevator energy efficiency certificate	
Manufacturer: Schindler Location: Shanghai China Elevator Model: Schindler 3300 AP Elevator Type: Electric operated passenger elevator	 Schindler
Energy efficiency classes 	
Energy demand kWh/year Nominal demand per year for nominal values shown.	4,246
Rated load: 1,000 kg Rated speed: 1.75 m/s Operating days / year: 365 Standby demand: 71 W (energy demand class B) Specific travel demand: 0.537 mWh/kgm (energy demand class A)	
Usage category 4 according to VDI 4707 Comparison of energy efficiency is only possible under equal usage.	
Date: 16.04.2010 Reference: VDI 4707 Part 1 (Issue March 2009)	

Innovation is the path to perfect technology.

Efficient system

The passenger elevator Schindler 3300 AP follows an efficient system approach. Resulting in optimized energy demand, ecological responsible production and material usage, convenient planning, fast installation and trouble-free maintenance.

Drive

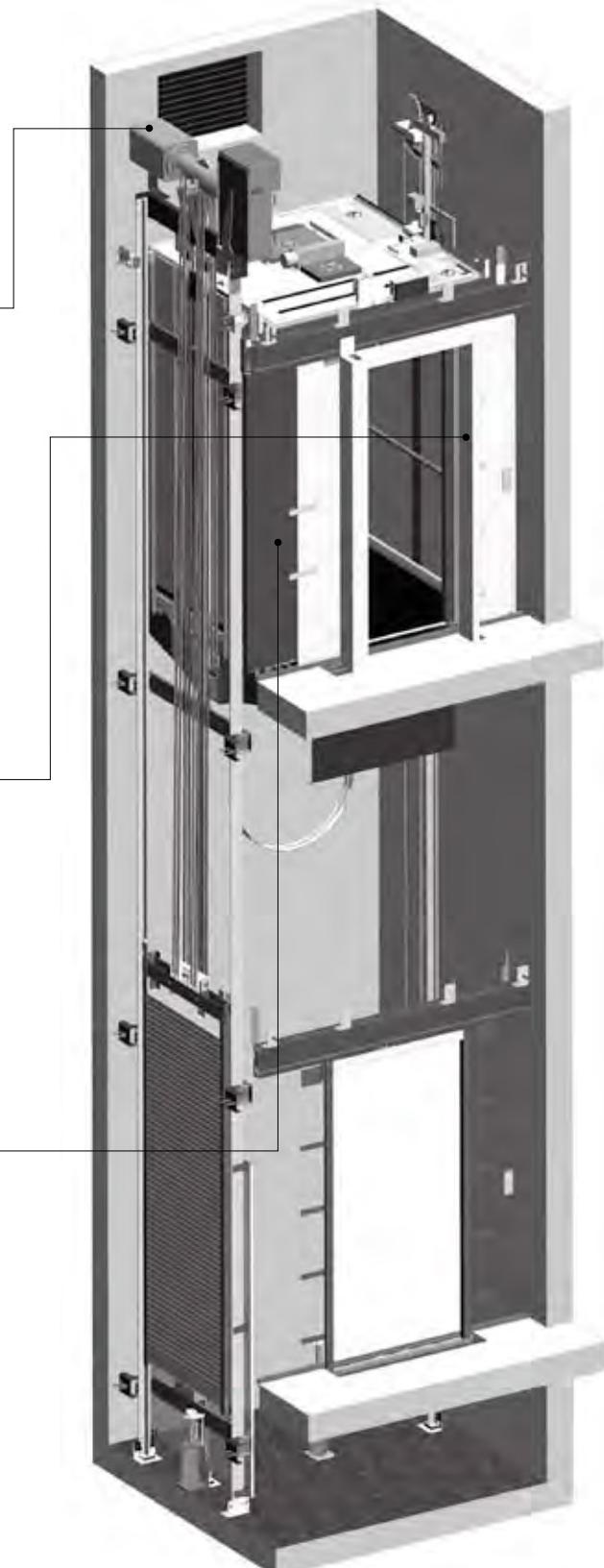
- Green gearless machine for smooth ride quality
- Efficient motor enabling a direct power transfer, avoiding loss of power
- Stable start without high peak current, quickly reaching a low energy consumption level
- Frequency converter equipped with stand-by power mode
- Environmentally friendly as no oil is needed for lubrication
- Compact, light weight, and durable design that optimizes material usage

Control

- System switches car lights and ventilation into stand-by mode when not in use
- Car panel and floor indicators operate with low power LEDs
- Multi-bus control
- Smart operation, down collective and selective collective controls for efficient passenger transportation

Car and hoistway

- Car lighting equipped with energy saving lamps
- Central guiding system reduces mechanical friction and energy consumption
- Door drive with stand-by mode for safety and energy conservation
- Machine-room-less and Eco-effective design allows for more space in the same shaft and save construction resources
- Lead free counterweight



Old: steel ropes

Steel ropes are relatively inelastic. For elevators they need a traction shaft diameter of at least 320 mm. The complete conventional motor including drive gears must be large enough to match.

A system that requires more space.

Schindler's Traction Media

The traction pulley for steel ropes is replaced by an only 85 mm traction shaft. This requires much smaller motors. A design that saves valuable space in the shaft.



Walls	Laminate Bilbao Brown	Laminate Bologna Orange	Laminate Toulouse Green	Laminate Cadiz Blue
Laminate Avignon Violet	Laminate Marseille Grey	Laminate Vienna Beige	Laminate Bordeaux Red	
Laminate Colorado Oak	Laminate Select Cherry	Laminate Lincoln Walunt		
Stainless steel hairline	Stainless steel linen	Stainless steel (SEP1)	Stainless steel (SEP5)	Stainless steel Mirror polished
Ceiling Floor Door Area Corners Skirting	Ceiling Foggy stainless steel	Floor Black speckled rubber	Car door and front Stainless steel hairline	Corner and middle joint Anodised aluminium, grey
Skirting Anodised aluminium, grey				

Santa Cruz

Fresh colors create exciting combinations.



Bilbao Brown



Bologna Orange



Toulouse Green



Cadiz Blue



Avignon Violet



Marseille Grey



Vienna Beige



Bordeaux Red



Colorado Oak



Select Cherry



Lincoln Walunt

The Santa Cruz line was designed with fresh colors and striking contrasts. An extensive range of colors combined with a dark rubber floor sets the tone.

The Santa Cruz line also includes stainless steel models. Lamps, on the right and left sides of the car, provide comfortable illumination.

Walls				
Ceiling Floor Door Area Corners Skirting				
Skirting Anodised aluminium, grey				

Esplanade

Stainless steel provides a modern statement.



Stainless steel hairline



Stainless steel linen



Stainless steel (SEP1)



Stainless steel (SEP5)



Stainless steel mirror polished

Different types of stainless steel are available on the impressive Esplanade. These are discreetly modern and unassuming, making a subtle statement. The ceiling is made of stainless steel and reflects slightly. The black granite floor deserves a special mention. It contributes significantly to the overall high-quality look of the car. The lighting is unobtrusively integrated into the ceiling near the entrance and rear wall.

Walls	Laminate metallic Siena Brown	Laminate metallic Naples Yellow	Laminate Colorado Oak	Laminate Select Cherry
Laminate Lincoln Walunt				
Ceiling Floor Door Area Corners Skirting	Ceiling Foggy stainless steel	Floor Brown artificial granite	Car door and front Stainless steel hairline	Corners Anodised aluminium, brown
Skirting Anodised aluminium, brown				

Scala

Warm colors carry an exclusive ambience.



Siena Brown



Naples Yellow



Colorado Oak



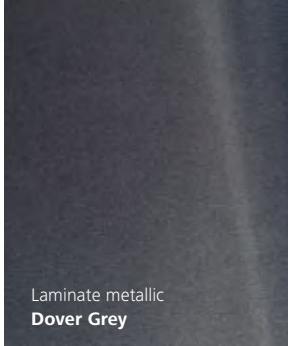
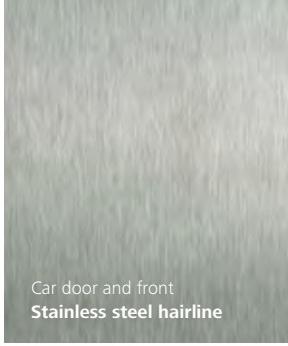
Select Cherry



Lincoln Walnut

The colors of the Scala line are especially striking thanks to the metallic effect of their laminate.

The ceiling is made of slightly reflective stainless steel, which adds to the ambience. The exclusive granite floor in a warm brown fits this high-quality elevator perfectly. The lighting in the front and the rear of the ceiling generates a pleasant ambiance.

Walls				
				
				
Ceiling Floor Door Area Corners Skirting				
Skirting Anodised aluminium, grey				

Piccadilly

Cool colors convey sophisticated elegance.



Calais Blue



Vals Green



Dover Grey

The carefully selected colors of the Piccadilly line are exciting, cool colors whose effect is anything but cold. The lustrous effect of the laminate underlines the intensity of the colors and emphasizes their distinguished look.

Due to the slightly reflective stainless steel ceiling the space appears even larger than it is. The high-quality granite floor harmonizes with the combination of colors and materials. The lighting in the front and the rear of the car gives off a pleasant light.

Life is about options, and we give them to you.



Car operating panels, touch-sensitive
(Active stops illuminated)



Car operating panels, braille push buttons
(Up to 25 active stops can be selected)



Car operating panels



Car operating panels with
concealed attendant
control compartment



Landing operating panels,
touch-sensitive



Landing operating panels,
mechanical push buttons
with Braille



Landing operating panels,
mechanical push buttons
with car position indicator
and direction arrows



Landing operating
panels, mechanical
push buttons

Touch-sensitive buttons



Arch handrail
Corner skirting



Car operating panels

Standard:

- Stylish, resistant glass-panel with touch-sensitive buttons
- Door open/close and alarm buttons
- Multifunction indicator;
 - Car position
 - Pre-announcing arrows
 - Overload
 - Alarm
 - Out-of-Service
 - Fire fighting service
 - Intercom
 - Emergency power operation
- Visual and acoustic confirmation of call acceptance

Options:

- Mechanical Push buttons with or without Braille
- Horizontal car operating panel for handicap
- Voice announcement in car
- Attendant function



Car operating panel,
multifunction indicator



Multifunction indicator above door,
main floor only



Car position indicator and
direction arrow



Landing operating
panel with key
switch



Landing operating
panel for duplex

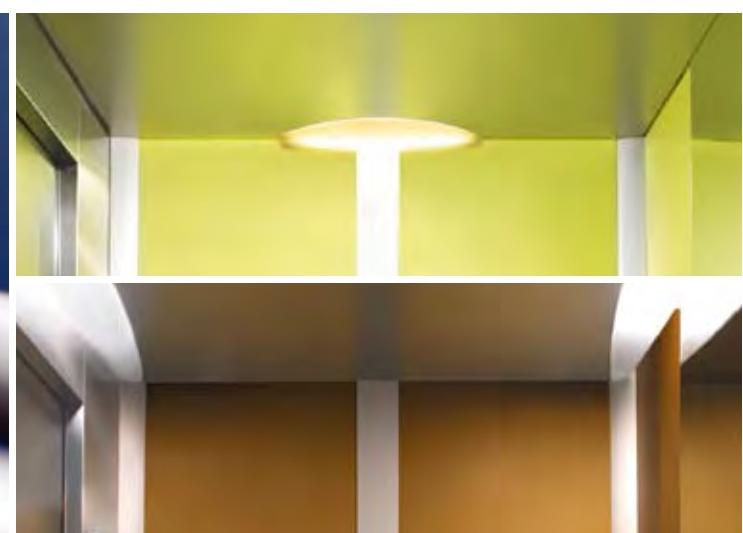


Landing operating
panel, surface
mounted, side view

Arch handrail



Ceiling lights, Santa Cruz
Ceiling lights, Piccadilly / Scala / Esplanade



Conic Building,
Ho Chi Minh City, Vietnam



Car floor

When non-standard car floor is applied, the following should be considered:

- Maximum floor height of 13 mm
- Maximum floor weight requires confirmation by Schindler

Mirror

A full height or half height mirror of safety glass is positioned in the middle of the rear wall.

Handrail

The standard arch type handrail aluminum painted, matches the colours and shapes of the other interior elements. It is mounted on the rear wall.

Options:

- Short round type handrail, stainless steel hairline finish mounted on the rear wall
- Consecutive round type handrail, stainless steel hairline finish mounted on side and rear wall
- Arch type handrail, aluminum painted finish mounted on rear wall
- Round type on side wall

Control

The compact control system uses low-energy multi processor technology integrated into the upper landing door frame. Down collective and collective-selective controls are available for groups up to two elevators.

	Standard	Options
Car height		
– 2350 mm	✓	
– 2500 mm		✓
Attendant box (package)		✓
– Car fan / Car light on / off		
– Independant service with / without packing		
– By pass hall calls		
– Attendant service		
– Change travel direction to down / up		
Car doors		
– Stainless steel hairline	✓	
– Painted		✓
Landing doors		
– Paint colors	✓	
– Marseille Grey		✓
– Vienna Beige		✓
– Stainless steel hairline		✓
Control functions		
– Self-diagnostic, self-testing	✓	
– Overload detection and signal	✓	
– Automatic car light	✓	
– Automatic evacuation to nearest floor	✓	
– Door protection light curtain	✓	
– Door pre-opening		✓
– Full load by pass	✓	
– Anti-nuisance		✓
– Door open and close buttons	✓	
– Car fan		✓
– Automatic return to the main floor from all floors or car park floor		✓
– Intercom 2 way	✓	
– Intercom 3 way		✓
– Fireman's control		✓
– Handicapped options		✓
– Alarm horn on car	✓	
– Arrival gong on landing		✓
– Arrival gong in car		✓
– Multifunction indicator on main floor	✓	
– Multifunction indicator on all landing		✓
– Out of service key switch on main floor	✓	
– Lamp in controller unit		✓
– Car call cancellation		✓
– Earthquake operation		✓
– Automatic emergency power operation		✓
– Supervisory panel interface		✓
– CCTV co-axial in traveling cable		✓
– Voice announcement		✓
– Intercom		✓
– Card reader interface		✓
– Shaft lighting		✓
– Safty gear on counterweight		✓
– Glass rear wall (half / full height)		✓
– Fire rated landing door		✓
– Two car entrances		✓

We deliver state-of-the-art technology, thorough planning and precise installation.



Planning

The Schindler 3300 AP requires no machine room. For you this means less planning. Only one space, the elevator shaft, has to be designed. Standardized plans simplify the process, making it fast and efficient.



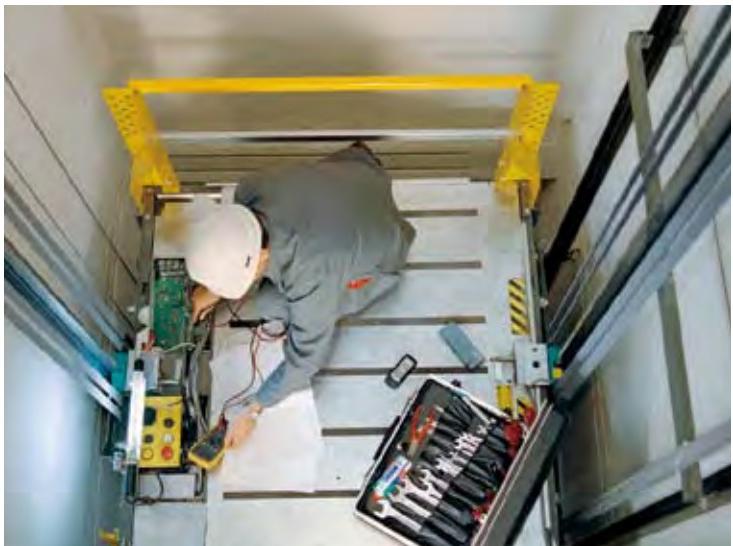
Order

The design of the Schindler 3300 AP is sophisticated, yet simple. The key factors are quickly established. Since there are no complicated specifications it is easy to place an order. You will quickly and effortlessly find the product that fits your needs.



Delivery

We deliver the Schindler 3300 AP packed according to the installation sequence, just in time when the building is ready for installation.



Installation

The mountings are easily positioned directly in the floor; the elevator is quickly installed. The system is ready in as quick as three weeks. A well-thought-out process.

Please visit our online showroom:

www.schindler3300ap.com

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They are not intended to, and do not, constitute an offer on the part of the Jardine Schindler Group.